

NIH NATIONAL RESEARCH SERVICE AWARDS FOR SENIOR FELLOWS (F33)

Release Date: August 28, 2000

PA NUMBER: PA-00-131

National Institute on Aging
National Institute on Alcohol Abuse and Alcoholism
National Institute of Allergy and Infectious Diseases
National Institute of Arthritis and Musculoskeletal and Skin Diseases
National Cancer Institute
National Institute of Child Health and Human Development
National Institute of Deafness and other Communication Disorders
National Institute of Dental and Craniofacial Research
National Institute of Diabetes and Digestive and Kidney Diseases
National Institute of Environmental Health Sciences
National Eye Institute
National Institute of General Medical Sciences
National Heart, Lung, and Blood Institute
National Institute of Neurological Disorders and Stroke
National Institute of Nursing Research
National Center for Human Genome Research
National Center for Research Resources
National Center for Complementary and Alternative Medicine

PURPOSE

The Congress of the United States enacted the National Research Service Act (NRSA) Program in 1974 to help ensure that highly trained scientists will be available in adequate numbers and in appropriate research areas to carry out the Nation's biomedical and behavioral research agenda. Under this congressional authority, the National Institutes of Health (NIH) awards NRSA senior fellowships (F33) to experienced scientists who wish to make major changes in the direction of their research careers or who wish to broaden their scientific background by acquiring new research capabilities. These awards will enable individuals with at least seven years of research experience beyond the doctorate, and who have progressed to the stage of independent investigator, to take time from regular professional responsibilities for the purpose of receiving training to increase their scientific capabilities. In most cases, this award is used to support

sabbatical experiences for established independent scientists. This program is not designed for postdoctoral level investigators seeking to prove their research potential prior to independence. Potential applicants are encouraged to discuss their plans with a contact from one of the Institutes or Centers listed in the Inquiries Section.

HEALTHY PEOPLE 2010

The Public Health Service (PHS) is committed to achieving the health promotion and disease prevention objectives of "Healthy People 2010," a PHS led national activity for setting priority areas. This Program Announcement (PA), National Research Service Award for Senior Fellows (F33), is related to one or more of the priority areas. Potential applicants may obtain a copy of "Healthy People 2010" at <http://www.health.gov/healthypeople/>.

ELIGIBILITY REQUIREMENTS

Citizenship. By the time of award, individuals must be Citizens or Noncitizen Nationals of the United States or have been lawfully admitted to the United States for permanent residence (i.e., possess a currently valid Alien Registration Receipt Card 1-551, or other legal verification of such status). Noncitizen Nationals are generally persons born in outlying possessions of the United States (i.e. American Samoa and Swains Island). Individuals on temporary or student visas are not eligible.

Degree Requirements. Applicants for the Senior NRSA Fellowship must be at least seven years beyond the qualifying doctoral degree, and can include: a Ph.D., M.D., D.O., D.D.S., D.V.M., O.D., D.P.M., Sc.D., Eng.D., N.D., D.C., Dr. P.H., D.N.S., Pharm. D., D.S.W., Psy.D., or equivalent doctoral degree from an accredited domestic or foreign institution and must have had at least 7 subsequent years of relevant research or professional experience. The applicant will have established an independent research career and is now seeking support for retraining or additional career development.

Sponsor. Before submitting an application, an individual must arrange for acceptance by an institution and sponsor. The applicant's sponsor should be an active investigator in the area of the proposed research who will directly supervise the candidate's research during the period of the fellowship. The sponsor must document the availability of staff, research support, and facilities for high-quality research training.

Foreign Sponsorship. Individuals requesting foreign-site training rather than a domestic site must show in the application that the foreign institution and sponsor offer unique opportunities that are not currently available in the United States. Only if there is clear scientific advantage will foreign training be supported.

Institution. The sponsoring institution may be private (profit or non-profit) or public, including the NIH Intramural Programs and other Federal laboratories.

MECHANISM OF SUPPORT

This program announcement for the Senior Fellowship Award (F33) is issued under the auspices of the NRSA Act (see AUTHORITY AND REGULATIONS). Senior fellowship support may be requested for a period of up to 2 years. However, no individual may receive more than 3 years of aggregate NRSA support at the postdoctoral level, including any combination of support from institutional and individual awards. Exceptions to the three year limit requires a waiver from the NIH awarding component. Individuals seeking a waiver should consult with relevant NIH staff. If the need for a waiver is anticipated, the application should include a justification for training beyond three years of aggregate NRSA support.

Fellowship awards are administered as described in the NIH Grants Policy Statement found at <http://grants.nih.gov/grants/policy/policy.htm> and the NRSA Guidelines for Individual Awards and Institutional Grants, available on the NIH Website at http://grants.nih.gov/training/nrsaguidelines/nrsa_toc.htm. The proposed NRSA training must be within the scope of biomedical, behavioral, or clinical research and must offer an opportunity for individuals to broaden their scientific background or to extend their potential for research in health-related areas. Individuals are required to pursue their research training on a full-time basis, devoting at least 40 hours per week to the training program. Research clinicians must restrict clinical duties within their full-time research training experience to activities that are directly related to the research training experience. Awards are not made for study leading to any of the professional degrees (M.D., D.O., D.D.S., etc.) or for residency or other non-research clinical training.

ALLOWABLE COSTS

The Senior Fellowship Award provides an annual stipend to help meet the fellow's living expenses, an allowance for tuition and fees and health insurance in accordance with NIH policy, and an annual institutional allowance.

Stipend. Stipends for senior fellows are determined individually at the time of award. The amount of the stipend is based on the salary or remuneration from their home institution on the date of award. However, in no case shall the NIH contribution to the stipend during the fellowship exceed the NRSA stipend provided for individuals with more than seven years of experience. The current stipend schedule can be found on the NIH Website at <http://grants.nih.gov/training/nrsa.htm>. For fellows on sabbatical, the level of the NRSA stipend award will take into account concurrent sabbatical salary support provided by the home institution and any other supplementation. The stipend is not provided as a condition of employment with either the Federal Government or the institution.

Tuition and Fees. The NIH will offset the combined cost of tuition and fees, at the following rate: 100 percent of all costs up to \$3,000 and 60 percent of costs above \$3,000. Costs associated with tuition and fees are allowable only if they are required for specific courses in support of the research training experience supported by the fellowship. A full description of the tuition policy is contained within the NRSA Policy Guidelines on the NIH website at http://grants.nih.gov/training/nrsaguidelines/nrsa_toc.htm

Institutional Allowance. NIH will provide an institutional allowance of \$4,000 per 12-month period to nonfederal, nonprofit, or foreign sponsoring institutions to help defray such awardee expenses as research supplies, equipment, health insurance (either self-only or family health insurance as appropriate), and travel to scientific meetings. This allowance is intended to cover training-related expenses for the individual awardee. The allowance is not available until the fellow officially activates the award. If an individual fellow is enrolled or engaged in training for less than 6 months of the award year, only one-half of that year's allowance may be charged to the grant. The Notice of Research Fellowship Award will be revised and the balance must be refunded to NIH.

NIH will provide an institutional allowance of up to \$3,000 for fellows sponsored by Federal laboratories or for-profit institutions for expenses associated with travel to scientific meetings, health insurance, and books. For fellows at for-profit institutions, the \$3,000 will be paid to the institution for disbursement to the fellow. Funds for fellows at Federal laboratories will be disbursed from the NIH awarding institute.

Other Training Costs. Additional funds may be requested by the institution when the training of a fellow involves extraordinary costs for travel to field sites remote from the sponsoring institution; or, accommodations for fellows who are disabled, as defined by the Americans With Disabilities

Act. The funds requested for extraordinary costs must be reasonable in relationship to the total dollars awarded under the fellowship and must be directly related to the approved research training experience. Such additional funds shall be provided only in exceptional circumstances that are fully justified and explained by the institution.

Awards for training at a foreign site may include a single economy or coach round-trip travel fare. No allowance is provided for dependents. U.S. flag air carriers must be used to the maximum extent possible when commercial air transportation is available for travel between the United States and a foreign country or between foreign countries. Funds are not provided to cover the cost of travel between the fellow's place of residence and a domestic training institution. However, in cases of extreme need or hardship, a one-way travel allowance may be authorized by the sponsoring institution. Such travel must be paid from the institutional allowance.

Facilities and Administrative Costs. F&A (indirect) costs are not allowed on individual fellowship awards.

STIPEND SUPPLEMENTATION, COMPENSATION, AND OTHER INCOME

An institution is permitted to provide funds to a fellow in addition to the stipend paid by the NIH. Such additional amounts may be in the form of augmented stipends (supplementation) or compensation for services.

Supplementation. Supplementation or additional support to offset the cost of living may be provided by the sponsoring institution, but must not require any additional effort from the fellow. Federal funds may not be used for supplementation unless specifically authorized under the terms of both the program from which such supplemental funds are to be received and the program whose funds are to be supplemented. Under no circumstances may PHS grant funds be used for supplementation.

Compensation. An institution may provide additional funds to a fellow in the form of compensation (as salary and/or tuition remission) for services, such as teaching or research. Compensation for services is not considered stipend supplementation. A fellow may receive compensation for services as a research assistant or in some other capacity on a Federal research grant, including a PHS research grant. However, compensated services must occur on a limited, part-time basis apart from the normal training activities, which require a minimum of 40 hours per week. In addition, compensation may not be paid from a research grant supporting research that is part of the F33 research training experience.

Under no circumstances may the conditions of stipend supplementation or the services provided for compensation interfere with, detract from, or prolong the fellow's approved NRSA training program. Additionally, compensation must be in accordance with institutional policies applied consistently to both federally and non-federally supported activities and supported by acceptable accounting records determined by the employer-employee relationship agreement.

Educational Loans or G.I. Bill. An individual may make use of Federal educational loan funds and assistance under the Veteran's Readjustment Benefits Act (G.I. Bill). Such funds are not considered supplementation or compensation.

Concurrent Awards. An F33 may not be held concurrently with another Federally sponsored fellowship or similar Federal award that provides a stipend or otherwise duplicates provisions of the NRSA.

Tax Liability. The Internal Revenue Code, Section 117, applies to the tax treatment of all scholarships and fellowships. Under that section, non-degree candidates are required to report gross income, all stipends and any monies paid on their behalf for course tuition and fees required for attendance. Degree candidates may exclude from gross income reported for tax purposes any amount used for tuition and related expenses, such as fees, books, supplies, and equipment, required for courses of instruction at a qualified educational organization.

The taxability of stipends, however, in no way alters the relationship between NRSA fellows and institutions. NRSA stipends are not considered salaries. NRSA fellows are not considered to be in an employee-employer relationship with the NIH or with the institution at which they are pursuing their degree.

The interpretation and implementation of the tax laws are the domain of the Internal Revenue Service (IRS) and the courts. The NIH takes no position on the status of a particular taxpayer, and it does not have the authority to dispense tax advice. Individuals should consult their local IRS office about the applicability of the law to their situation and for information on the proper steps to be taken regarding their tax obligations.

PAYBACK

As required by the NIH Revitalization Act of 1993, postdoctoral fellows in their first year of NRSA support incur a service obligation of 1 month for each month of support. The 13th and

subsequent months of NRSA support are acceptable postdoctoral payback service. Thus, individuals who continue under the award for 2 years will have paid off their first year obligation by the end of the second year.

Applicants accepting an award covering their first 12 months of NRSA postdoctoral support must sign a payback agreement (PHS form 6031) in which they agree to engage in health-related research training, research, and/or teaching for a period equal to their initial 12 months of NRSA postdoctoral support.

Those who do not pay back their obligation through continued NRSA support may satisfy their obligation by serving in a position in which health-related research, research training, or teaching are the primary activities. Such individuals must engage in research, research training, or teaching at a rate of 20 or more hours per week averaged over a full work year. Payback service may be conducted in an academic, governmental, commercial, or nonacademic environment, in the United States or in a foreign country.

Payback service positions are arranged by the individual, not by NIH. The NIH institute supporting the fellowships will review and approve the activity at the end of the year in which it occurs. Service to satisfy an outstanding obligation must be initiated within 2 years after termination of NRSA support, and must be performed on a continuous basis. For individuals who fail to fulfill their service obligation, the United States is entitled to recover the total amount of NRSA funds paid to the individual for the obligated period plus interest at a rate determined by the Secretary of the U.S. Department of Treasury. Financial payback must be completed within 3 years, beginning on the date the United States becomes entitled to recover such amount.

Under certain conditions, the Secretary, DHHS, may extend the period for starting service, permit breaks in service, extend the period of repayment, or otherwise waive, the payback obligation when compliance would constitute a substantial hardship against equity and good conscience. Policies regarding the NRSA payback obligation are explained in the NRSA Policy Guidelines which are available on the NIH Website at http://grants.nih.gov/training/nrsaguidelines/nrsa_toc.htm. Specific questions may appear in a list of Frequently Asked Questions which appears on the Web at http://grants.nih.gov/training/faq_fellowships.htm. Other questions on payback should be directed to the appropriate NIH institute contact.

Leave

Fellows may continue to receive stipends during periods of vacation and holidays available to individuals in comparable training positions at the sponsoring institution. Also, fellows may continue to receive stipends for up to 15 calendar days of sick leave per year. Sick leave may be used for the medical conditions related to pregnancy and childbirth. Fellows may continue to receive stipends for up to 30 calendar days of parental leave per year for the adoption or the birth of a child when those in comparable training positions at the grantee or sponsoring institution have access to paid leave for this purpose and the use of parental leave is approved by the sponsor. A period of terminal leave is not permitted and payment may not be made from grant funds for leave not taken. Individuals requiring extended periods of time away from their research training experience must seek approval from the NIH awarding component for an unpaid leave of absence.

INCLUSION OF WOMEN AND MINORITIES IN RESEARCH INVOLVING HUMAN SUBJECTS

It is the policy of the NIH that women and members of minority groups and their sub-populations must be included in all NIH-supported biomedical and behavioral research projects involving human subjects, unless a clear and compelling rationale and justification are provided indicating that inclusion is inappropriate with respect to the health of the subjects or the purpose of the research. This policy results from the NIH Revitalization Act of 1993 (Section 492B of Public Law 103-43).

All investigators proposing research involving human subjects should read the UPDATED "NIH Guidelines for Inclusion of Women and Minorities as Subjects in Clinical Research," published in the NIH Guide for Grants and Contracts on August 2, 2000

(<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-00-048.html>).

A complete copy of the updated Guidelines is available at

http://grants.nih.gov/grants/funding/women_min/guidelines_update.htm. The revisions relate to NIH defined Phase III clinical trials and require: a) all applications or proposals and/or protocols to provide a description of plans to conduct analyses, as appropriate, to address differences by sex/gender and/or racial/ethnic groups, including subgroups if applicable; and b) all investigators to report accrual, and to conduct and report analyses, as appropriate, by sex/gender and/or racial/ethnic group differences.

INCLUSION OF CHILDREN AS PARTICIPANTS IN RESEARCH INVOLVING HUMAN SUBJECTS

It is the policy of NIH that children (i.e., individuals under the age of 21) must be included in all human subjects research, conducted or supported by the NIH, unless there are scientific and ethical reasons not to include them. This policy applies to all initial (Type 1) applications submitted for receipt dates after October 1, 1998.

All investigators proposing research involving human subjects should read the "NIH Policy and Guidelines on the Inclusion of Children as Participants in Research Involving Human Subjects" that was published in the NIH Guide for Grants and Contracts, March 6, 1998, and is available at the following URL address: <http://grants.nih.gov/grants/guide/notice-files/not98-024.html>

Investigators also may obtain copies of these policies from the program staff listed under INQUIRIES. Program staff may also provide additional relevant information concerning the policy.

URLs In NIH Grant Applications Or Appendices

All applications and proposals for NIH funding must be self-contained within specified page limitations. Unless otherwise specified in an NIH solicitation, internet addresses (URLs) should not be used to provide information necessary to the review because reviewers are under no obligation to view the Internet sites. Reviewers are cautioned that their anonymity may be compromised when they directly access an Internet site.

APPLICATION PROCEDURES

Individuals must submit the application form, PHS Individual National Research Service Award (PHS 416-1, rev. 12/98), and include at least three letters of reference (for revised and competing applications). If the applicant has been lawfully admitted to the United States for permanent residence, the appropriate item should be checked on the Face Page of the application. Applicants who have applied for and have not yet been granted admission as a Permanent Resident should check the Permanent Resident block on the Face Page of the PHS 416-1 application, and also write in the word "pending." A notarized statement documenting legal admission for Permanent Residence must be submitted prior to the issuance of an award.

If the fellowship application is submitted in response to a Program Announcement (PA) or Request for Application (RFA) from a particular NIH institute, the applicant should identify the number of the PA or RFA in Item 3 on the face page.

Instructions in the Responsible Conduct of Research

Applications must include the candidate's plans for obtaining instruction in the responsible conduct of research, including the rationale, subject matter, appropriateness, format, frequency and duration of instruction. The amount and nature of faculty participation must be described. No award will be made if an application lacks this component.

Application Materials. To obtain application kits with instructions and forms, please contact your institutional office of sponsored research. If application kits are not available at the institution, they may be downloaded from the NIH website at <http://grants.nih.gov/grants/forms.htm> or it may be requested from the following:

Division of Extramural Outreach and Information Resources
National Institutes of Health
6701 Rockledge Drive, Room 6207 - MSC 7910
Bethesda, Maryland 20892-7910
Telephone: (301) 435-0714
FAX: (301) 480-0525

For faster service, send Email requests to grantsinfo@nih.gov. Please allow 2-4 weeks for U.S. mail requests.

Concurrent Applications. An individual may not have more than one individual NRSA fellowship or comparable application pending review or award at the NIH or other DHHS agencies at the same time.

Application Receipt Dates and Review Schedule. F33 applications undergo a review process that takes between 5-8 months. The receipt dates and the three annual review cycles are as follows:

Application Receipt Dates:	Apr 5	Aug 5	Dec 5
Initial Review Dates:	Jun/Jul	Oct/Nov	Feb/Mar
Secondary Review Dates:	Aug/Sep	Dec/Jan	Apr/May
Range of Likely Start Dates:	Sep 1-Dec 1	Jan 1-Mar 1	May 1-Jul 1

Note: Incomplete Applications Will Not Be Reviewed

SUBMISSION

Submit a signed, typewritten original of the application (including the Checklist, Personal Data form, at least three sealed reference letters, and all other required materials) and two exact, clear, single-sided photocopies of the signed applications, in one package to:

CENTER FOR SCIENTIFIC REVIEW
NATIONAL INSTITUTES OF HEALTH
6701 ROCKLEDGE DRIVE, ROOM 1040
BETHESDA, MARYLAND 20892
BETHESDA, MARYLAND 20817 (EXPRESS MAIL)
REVIEW CONSIDERATIONS

Complete applications will be assigned to the appropriating participating Institute and a suitable Scientific Review Group (SRG) in the Center for Scientific Review (CSR). Applicants will be notified about their application's Institute and SRG assignment.

Applications receive two sequential levels of review. The first level is an assessment of the merit of the research training by an SRG, composed primarily of non-government scientists selected for their competence in research and research training in a particular scientific area. After the SRG meeting, the Scientific Review Administrator (SRA), a designated Federal official who coordinates the review of applications for the SRG, prepares a written summary of the review of each application and forwards to the appropriate NIH Institute. A second level of review is provided by staff within the assigned funding Institute or Center.

Review Criteria. The review criteria focus on four main components:

Candidate: An assessment of the candidate's previous academic and research performance and the candidate's continuing potential for important contributions to biomedical, behavioral, or clinical science.

Sponsor and Training Environment: An assessment of the quality of the training environment and the qualifications of the sponsor as a mentor for the proposed research training experience.

Research Proposal: The merit of the scientific proposal and its relationship to the candidate's career plans.

Training Potential: An assessment of the value of the proposed fellowship experience as it relates to an enhancement of the candidate's capabilities as an independent researcher.

Notification. Shortly after the SRG meeting, each applicant will be notified about the SRG recommendation and the name and phone number of the Institute program official responsible for the application. When the program official representing the Institute receives the written summary of the review, prepared by the SRA after the review meeting, a copy will be forwarded to the applicant.

Following the second-level review, the institute will notify each applicant of the final disposition of the application. Any questions about SRG recommendations and funding possibilities should be directed to the appropriate Institute program official, not the scientific review administrator of the SRG.

Award Criteria

The staff of the NIH institutes use the following criteria in making awards:

(1) eligibility of the applicant; (2) the SRG recommendation of the overall merit of the application; (3) relevance of the application to the Institute's research priorities and program balance; and (4) the availability of funds.

Activation. No funds may be disbursed until the fellow has started training under the award and an Activation Notice (PHS 416-5) and a Payback Agreement (PHS 6031) (when appropriate) has been received by the NIH.

An awardee has up to 6 months from the issue date on the award notice to activate the award. Under unusual circumstances, an NIH institute may grant an extension of the activation period upon receipt of a specific request from the fellow.

TERMS AND CONDITIONS OF SUPPORT

Fellowships must be administered in accordance with the current NRSA Policy Guidelines for Individual Awards and Institutional Grants (see the NIH Website at http://grants.nih.gov/training/nrsaguidelines/nrsa_toc.htm), the current NIH Grants Policy Statement (see the NIH Website at <http://grants.nih.gov/grants/policy/policy.htm>), and any terms and conditions specified on the Notice of Research Fellowship Award.

Certification and Reporting Procedures. No application will be accepted without the applicant signing the certification block. Individuals admitted to the United States as Permanent Residents must submit notarized evidence of legal admission prior to the award. The Activation Notice must be accompanied by a Payback Agreement Form (PHS 6031) when the award is for the individual's initial 12 months of NRSA postdoctoral support. When support ends, the fellow must submit a Termination Notice (PHS 416-7) to the NIH. And, if the fellow has a payback obligation, he or she must notify the NIH of any change in address and submit Annual Payback Activities Certification Forms (PHS 6031-1) until the payback service obligation is satisfied. Forms will be provided to awardees by the NIH awarding component. Forms may also be found on the NIH Website at <http://grants.nih.gov/grants/forms.htm>.

Inventions and Publications. Fellowships made primarily for educational purposes are exempted from the NIH invention requirements. F33 awards will not contain any provision giving PHS rights to inventions made by the awardee.

Data Sharing. NIH policy is to make available to the public the results and accomplishments of the activities that it funds. Therefore, it is incumbent upon fellows to make results and accomplishments of their F33 activities available to the public. There should be no restrictions on the publication of results in a timely manner.

Copyrights. Except as otherwise provided in the terms and conditions of the award, the recipient is free to arrange for copying without approval when publications, data, or other copyrightable works are developed in the course of work under a NIH grant-supported project or activity. Any such copyrighted or copyrightable works shall be subject to a royalty-free, nonexclusive, and irrevocable license to the Government to reproduce, publish, or otherwise use them, and to authorize others to do so for Federal Government purposes.

INQUIRIES

Written and telephone inquiries concerning this program announcement are encouraged especially during the planning phase of the application. Below is a listing of NIH contacts for this NRSA senior fellowship:

National Institute on Aging (NIA)

Dr. Robin Barr

Telephone: (301) 496-9322

Email: rb42h@nih.gov

National Institute on Alcohol Abuse and Alcoholism (NIAAA)

Dr. Ernestine Vanderveen

Telephone: (301) 443-2530

Email: tv9f@nih.gov

National Institute of Allergy and Infectious Diseases (NIAID)

Dr. Milton Hernandez

Telephone: (301) 496-3775

Email: mh35c@nih.gov

National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS)

Dr. Richard Lymn

Telephone: (301) 594-5128

Email: rl28b@nih.gov

National Cancer Institute (NCI)

Dr. Lisa Begg

Telephone: 301-496-8580

Email: begg1@mail.nih.gov

National Institute of Child Health And Human Development (NICHD)

Dr. Steven Klein

Telephone: (301) 496-5541

Email: sk5d@nih.gov

National Institute of Deafness and Other Communication Disorders (NIDCD)

Dr. Daniel Sklare

Telephone: 301-496-1804

Email: ds104i@nih.gov

National Institute of Dental and Craniofacial Research (NIDR)

Dr. James Lipton

Telephone: (301) 594-2618

Email: jl46d@nih.gov

National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

Division of Digestive Diseases and Nutrition

Dr. Judith Podskalny

Telephone: (301) 594-8876

Email: jp53s@nih.gov

Division of Diabetes, Endocrinology, and Metabolic Diseases

Dr. James Hyde

Telephone: (301) 594-7692

Email: hydej@extra.niddk.nih.gov

Division of Kidney, Urologic and Hematologic Diseases

Dr. Charles Rodgers

Telephone: (301) 594-7726

Email: cr36d@nih.gov

National Institute of Environmental Health Sciences (NIEHS)

Dr. Carol Shreffler

Telephone: (919) 541-1445

Email: cs63y@nih.gov

National Eye Institute (NEI)

Dr. Chyren Hunter

Telephone: (301) 496-5301

Email: clh@nei.nih.gov

National Institute of General Medical Sciences (NIGMS)

Dr. John Norvell

Telephone: (301) 594-0533

Email: norvellj@nigms.nih.gov

National Heart, Lung, and Blood Institute (NHLBI)

Dr. Sarah Knox

Telephone: (301) 435-0409

Email: knoxs@nih.gov

National Institute of Neurological Disorders and Stroke (NINDS)

Dr. Henry Khachaturian

Telephone: (301) 496-4188

Email: hk11b@nih.gov

National Institute of Nursing Research (NINR)

Nell Armstrong, PhD, RN

Telephone: 301-594-5973

Email: nell_armstrong@nih.gov

National Center for Human Genome Research (NCHGR)

Dr. Bettie Graham

Telephone: (301) 496-7531

Email: bg30t@nih.gov

National Center for Research Resources (NCRR)

Dr. David Wilde

Telephone: (301) 435-0799

Email: dwl71w@nih.gov

National Center for Complementary and Alternative Medicine (NCCAM)

Dr. Neal West

Telephone: 301-402-5867

Email: westn@od.nih.gov

AUTHORITY AND REGULATIONS

NRSA awards are made under the authority of Section 487 of the Public Health Service Act as amended (42 USC 288). And Title 42 of the Code of Federal Regulations, Part 66. The following Catalog of Federal Domestic Assistance numbers are applicable to these awards: 93.121, 93.172, 93.173, 93.272, 93.278, 93.282, 93.306, 93.361, 93.398, 93.821, 93.837-93.839, 93.846-93.849, 93.853, 93.859, 93.862-93.867, 93.880, 93.894, and 93.929. This program is not subject to the intergovernmental review requirements of Executive Order 12372 or Health Systems Agency review.

If you are not sure whom to contact, call

NIH Office of Extramural Research

Dr. Walter Schaffer

Telephone: (301) 496-9743

Email: ws11q@nih.gov

[Return to Volume Index](#)

[Return to NIH Guide Main Index](#)